

Title (en)
Biodegradable cellulose ester composition and article

Title (de)
Biologisch abbaubare Zelluloseesterzusammensetzung und Artikel

Title (fr)
Composition biodégradable d'ester de cellulose et article

Publication
EP 0792913 A2 19970903 (EN)

Application
EP 97106920 A 19931111

Priority

- EP 93118305 A 19931111
- JP 32864692 A 19921113
- JP 19681993 A 19930713
- JP 19682093 A 19930713

Abstract (en)
A cellulose ester composition is described which comprises (i) a cellulose ester having (a) an average degree of substitution not exceeding 2.15 and (b) an average polymerization degree of 50 to 250, and (c) having a 4-week decomposition rate of not less than 60 % by weight as determined using the amount of evolved carbon dioxide as an indicator in accordance with ASTM D 5209, or (ii) a cellulose ester having characteristics (a) and (b), and (d) having an equivalent ratio of residual alkali metal or alkaline earth metal to residual sulphuric acid in said cellulose ester of 0.1 to 1.1. The biodegradable cellulose ester composition is suitable for the manufacture of various articles including fibrous articles such as tobacco filters.

IPC 1-7
C08L 1/10; **C08L 1/12**; **A24D 3/10**

IPC 8 full level
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CPC (source: EP KR US)
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C-Set (source: EP US)
1. **C08L 1/10** + **C08L 2666/02**
2. **C08L 1/12** + **C08L 2666/02**

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EP 0597478 A1 19940518; **EP 0597478 B1 19980204**; CA 2102927 A1 19940514; CA 2102927 C 20000328; CN 1067415 C 20010620; CN 1088595 A 19940629; DE 69316836 D1 19980312; DE 69316836 T2 19980618; DE 69333157 D1 20030925; DE 69333157 T2 20040609; EP 0792913 A2 19970903; EP 0792913 A3 19970924; EP 0792913 B1 20030820; KR 100227400 B1 19991101; KR 940011541 A 19940621; PH 30463 A 19970528; TW 256845 B 19950911; US 5478386 A 19951226; US 5609677 A 19970311; US 5720803 A 19980224

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